

CLAIMS

What is claimed is:

1. A computer-implemented method for acquiring secure test result data, comprising:
 - (a) presenting a test to a test subject through a computer device;
 - (b) receiving from the test subject raw test response data based on the subject's response to the presented test;
 - (c) processing the raw data to generate test result data;
 - (d) encrypting the test result data to generate encrypted test result data; and
 - (e) making the encrypted test result data available to a user, wherein unencrypted raw test response and unencrypted test result data within the computer device is not accessible.
2. The method of claim 1, wherein presenting a test subject with a test through a computer device includes utilizing a laptop computer.
3. The method of claim 1, wherein processing the test response data to generate the test result data includes scoring the test subject's responses to cognitive function questions.
4. The method of claim 1, further comprising organizing unencrypted raw response and result data into an inaccessible format.
5. The method of claim 4, wherein organizing the unencrypted raw response data and test result data into an inaccessible format includes deleting it from a working memory if it is no longer required for generating the encrypted test result data.
6. The method of claim 1, wherein making the encrypted test result data available to a user includes writing the encrypted result data to a non-volatile memory media.
7. The method of claim 1, wherein making the encrypted test result data available to a

user includes transmitting the encrypted result data out of the computer device over a network to a receiving computer device.

8. The method of claim 1, wherein receiving from the test subject raw test response data includes receiving the raw test response data through a test administrator.

9. A memory storage device comprising computer readable program elements for implementing the method of claim 1.

10. A computer device comprising a test program for performing the method of claim 1.

11. A memory storage media with a computerized neuro-psychological test battery program having instructions that when executed by a computer device cause it to perform a method comprising:

- (a) presenting a test subject with a neuro-psychological test;
- (b) receiving from the test subject raw data responsive to the presented test;
- (c) generating a test result file based on the raw data;
- (d) encrypting the test result file into an encrypted test result file;
- (e) allowing the encrypted test result file to be accessed by a user; and
- (f) preventing the unencrypted raw data and test result file from being accessed.

12. The memory storage media of claim 11, wherein allowing the encrypted test result file to be accessed by a user includes allowing it to be stored on a non volatile memory device.

13. The memory storage media of claim 11, wherein allowing the encrypted test result file to be accessed by a user includes allowing the encrypted file to be transmitted over a network to another computer device.

14. The memory storage media of claim 11, wherein presenting a test subject with a neuro-psychological test includes presenting a plurality of test modules to the test subject through a test administrator.

15. The memory storage media of claim 11, wherein generating a test result file based on the raw data includes processing the raw data into a predefined test result format.

16. The memory storage media of claim 11, wherein preventing the unencrypted raw data and test result file from being accessed includes organizing unencrypted raw response and result data into an inaccessible format.

17. The method of claim 16, wherein organizing the unencrypted raw data and test result data into an inaccessible format includes deleting it from a working memory if it is no longer required for generating the encrypted test result file.

18. A method for securely acquiring clinical test data with a computer device in one or more remote locations, comprising:

(a) at the one or more remote locations, presenting a test to at least one test subject through a computer device;

(b) receiving from the at least one test subject data in response to the presented test and inputting said data into the computer device;

(c) generating an encrypted test result file for the at least one test subject based on its inputted data, wherein received data that is not encrypted is not available outside of the computer device; and

(d) transferring the encrypted test result files for the at least one test subject from the one or more remote sites to a common database.

19. The method of claim 18, wherein inputting said data into the computer device includes inputting at least part of the data through a test administrator.

